

REMARKS

Applicants have amended the specification to correct an obvious typographical error, where Figure 6 lists the ligands and the examples using particular ligands and Figure 4 obviously does not.

Response to Restriction

The restriction requirement divides the claimed invention into six groups:

Group	Claims	Description
I	1-15 and 49	Method of screening potential catalysts for polymerization performance
II	16-38, 40 and 41	Method of screening potential catalysts for polymerization activity
III	42-58	Method of high throughput screening of potential catalysts for polymerization activity for at least a second monomer
IV	59-63	Method of high throughput screening of potential catalysts for polymerization activity for at least a second monomer
V	64-66	Catalyst library
VI	67-69	Method for producing a benchmark library for the polymerization of olefins

Applicants traverse this requirement with respect to Groups II and III. In particular, Group III Claim 53 requires that "the determination is used as a predictor for the polymerization activity of the potential catalysts...." Thus, a "predictor" is in both Groups II and III and it cannot be a basis for separation of these groups. Applicants request that Examiner reconsider restriction between Groups II and III.

For purposes of providing a complete response, Applicants elect Group II, claims 16-38, 40 and 41.

Response to Election of Species

Having elected Group II, Applicants will address only paragraph 12, page 6, in the election of species portion of the Office action. The action requires election in four different species categories and Applicants elect as follows:

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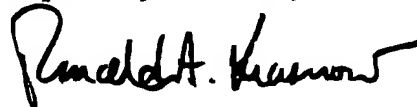
1. Species of "method further comprising", Applicants elect A copolymerizing first and second monomers (claims 17 and 18)
2. Species of "dispensing", Applicants elect A, liquid (claim 26)
3. Species of "determining polymerization performance", Applicants elect A, Product (polymer sample) (claims 22, 23 and 29). And from Claim 29, Applicants elect molecular weight.
4. Species of monomer, Applicants elect 1-octene for the first monomer.

Claims reading on this election of species are claims 16-19, 22-26, 28, 29, 31-33, 37, 38 and 41.

In addition to the Examiner's listing of generic claims, Applicants suggest that claims 31 and 32 are generic.

Applicants are unsure if the above complies with paragraph 16 of the Office action. If not, Applicants elect the species of examples 1-17, described in conjunction with pages 36-48 of the specification. Claims reading on this species are claims 16-17, 19, 22-26, 28, 29, 31-33, 37, 38 and 41. Claims 20 and 30 also read on this species, but they were excluded by the species listing in the Office action.

Respectfully submitted,



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Date: Oct. 15, 2001

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